SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	Color TV	Bulletin No. :	97-CTV-E0003
Model :	CS6202Z, CS-7202ZB	Bulletin Date :	Jan. 6, 1997
Buyer :	TSE, SAVINA, SGE		

Subject : SCT12B Chassis, L401 (Modulation Coil) changes

Background : (Symptom)
It is happened the 'Modulation Coil Stress Over' phenomenon on SCT12B chas using with SED(Samsung Electron Devices Co.) CPT. while R&D dept. has gotten self-reliability test.

Solution :
In case the values of electric current are high on L401(30 mH) Modulation Coil, it is stressed over.

Solution :
Modulation Coil circuit changes.

Application Date : Dec. 19, 1996

(* I.C : Interchangeability Code Type)

Location No.	OLD (before) Parts		NEW (changed) Parts		*
	SEC Code	Description	SEC Code	Description	I.C
L401	AA27-10003A	Coil 30 mH	AA27-40003F	Coil 3 mH	D
R423	2003-001091	RM 2W 10	2008-000290	RF 2W 2.4	D
R424	2003-001091	RM 2W 10	2008-000290	RF 2W 2.4	D

Type	A type	B type	C type	D type	E type	F type
Interchange-ability Status (* I.C)	OLD → Early (Part) / (Time) NEW → Late	OLD → Early (Part) / (Time) NEW → Late	OLD Early (Part) / (Time) NEW → Late	OLD → Early (Part) / (Time) NEW → Late	Part Addition (¡¿ ¡æ NEW)	Part deletion (OLD ¡æ ¡¿)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None (O) Others ( )

Product Month	Dec. 1996	Serial No.	
Published by	S. K. Yang	Checked by	Approved by J. G. Lee

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	TV	**Bulletin No. :**	97-CTV-E0033
Model :	CS3399Z, CS5099Z, CS5399K	**Bulletin Date :**	Sep. 2, 1997
Buyer :	SAVINA	**ECN Date :**	Aug. 20, 1997

SUBJECT : CS-3399, 'SCT12A Chassis, Block Condenser changes

Background : The Block Condenser defective has been found out on SCT12A chassis in Vietnam.
(Symptom)

Cause : Electricity (Power) fluctuation in Vietnam is unstable.
The 'Block Condenser' has been designed for 400 Volts(DC).
In case that 'Peak to peak' electricity over than 400 Volts(DC) have supplied to 'Block Condenser' , the 'Block Condenser' would be damaged.

Solution : The specification of Block Condenser has been modified from 'DC 400V' to 'DC 450V' as belows:

Application Date : Aug. 20, 1997

(Interchangeability Code : * **I.C**)

Location No.	**OLD** (before) Parts (SCV11B & C)		**NEW** (changed) Parts (SCV11D)		* **I.C**
	SEC Code	Description	SEC Code	Description	
C806	-	C-AL: 330uF 400V	2401 - 002227	C-AL: 330uF 450V	D

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None (O) Others ( )

Product Month : **Serial No.** (~ from)

Published by S.K. Yang **Approved by Mr. J.G. Lee**

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	TV	**Bulletin No. :**	97-CTV-E0034
Model :	CS6202Z, CS7202ZB	**Bulletin Date :**	Sep. 2, 1997
Buyer :	SAVINA	**ECN Date :**	Aug. 20, 1997

SUBJECT : CS-6202, 'SCT12B Chassis, Block Condenser changes

Background : The Block Condenser defective has been found out on SCT12B chassis in Vietnam.
(Symptom)

Cause : Electricity (Power) fluctuation in Vietnam is unstable.
The 'Block Condenser' has been designed for 400 Volts(DC).
In case that 'Peak to peak' electricity over than 400 Volts(DC) have supplied to 'Block Condenser' , the 'Block Condenser' would be damaged.

Solution : The specification of Block Condenser has been modified from 'DC 400V' to 'DC 450V' as belows:

Application Date : Aug. 20, 1997

(Interchangeability Code : * **I.C**)

Location No.	**OLD** (before) Parts (SCV11B & C)		**NEW** (changed) Parts (SCV11D)		* **I.C**
	SEC Code	Description	SEC Code	Description	
C806	2401 - 001426	C-AL: 470uF 400V	2401 - 003031	C-AL: 470uF 450V	D

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application	Reference (O)	Only Defected sets ( )	Whole sets ( )
Attachment	Schematic Diagram ( )	Component Lay-out ( )	Exploded View ( )
	Mechanical Diagram ( )	None (O)	Others ( )

Product Month :	**Serial No.** (~ from)	
Published by S.K. Yang		**Approved by Mr. J.G. Lee**

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	TV	**Bulletin No. :**	97-CTV-E0036
Model :	CN7202	**Bulletin Date :**	Sep. 2, 1997
Buyer :	SEASA, SEDA	**ECN Date :**	Jul. 13, 1997

SUBJECT : CN7202, Countermeasure of sound noise

Background : It is occurred sound noise like frequency oscillation from 'F.B.T.' intermittently.
(Symptom)

Cause : Micom software is programmed the 'Vertical mode' running 54Hz to 64.5Hz 'Search mode'. When 'Horizontal & Vertical frequency' free run continuosly, sound noise can be occurred.

Solution : Micom software program has been modified as belows:

Application Date : Jul. 13, 1997

(Interchangeability Code : * **I.C**)

Location No.	**OLD** (before) Parts (SCV11B & C)		**NEW** (changed) Parts (SCV11D)		* **I.C**
	SEC Code	Description	SEC Code	Description	
IC901	AA13 - 30013W	IC-MCU; Z8933212PSC (R3028)	AA13 - 30014U	IC-MCU; Z8933212PSC (R3085)	D
R930	2001 - 000577	R-C; 1/8W 2K	2001 - 000958	R-C; 1/8W 750	D

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None (O) Others ( )

Product Month : **Serial No.** (~ from)

Published by S.K. Yang **Approved by Mr. J.G. Lee**

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	TV	**Bulletin No. :**	97-CTV-E0046
Model :	CK6202WB, CK7202WB	**Bulletin Date :**	Nov. 19, 1997
Buyer :	ANA (Romania)	**ECN Date :**	Nov. 14, 1997

SUBJECT : CK-6202, SCT12B Chassis, differential parts list by Micom type

Background : Circuit has been changed by Micom IC type for SCT12B chassis.

(Symptom)

Cause : Due to changing Micom IC type.

Solution : Micom IC has been changed from 'AF-version' to 'OTP' type.

The 'OTP' type Micom IC has beeb marked on the label as follows:

- Spec. : SZM159RTX -. Date : as of November 18, 1997

Application Date : Nov. 18, 1997

(Interchangeability Code : * **I.C**)

Location No.	**OLD** (before) Parts (AF version)		**NEW** (changed) Parts (OTP type)		* **I.C**
	SEC Code	Description	SEC Code	Description	
IC901	u-com 'AF Version'	SZM159RTX	u-com 'OTP type'	SZM159RTX	D
R934	2001-000786	1/8W 47K-J	2001-000563	1/8W 27K-J	D
C912	2201-000257	CH 50V 16pF	2201-000651	CH 50V 68pF	D

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None ( ) Others (O)

Product Month : November 1997 **Serial No.** (~ from)

Published by S.K. Yang **Approved by** Mr. J.G. Lee

SAMSUNG ELECTRONICS

SERVICE BULLETIN

¡á Parts Change Information **** Bulletin No: 97-CTV-E0046***

¢ÁModel : (Interchangeability Code : * **I.C**)

Location No.	**OLD** (before) Parts		**NEW** (changed) Parts		* **I.C**
	SEC Code	Description	SEC Code	Description	
C913	2201-000183	CH 50V 33pF	2201-000600	SL 50V 560pF	D
R922	2001-000605	1/8W 3.6K-J	2001-000800	1/8W 5.1K-J	D
R923	2001-000232	1/8W 1.3K-J	2001-000252	1/8W 1.6K-J	D
J271	30506-410-216	Jumper	Delete	Delete	F
J275	30506-410-216	Jumper	Delete	Delete	F
D817	0403-000296	MTZ 5.6B	Delete	Delete	F
D818	0403-000296	MTZ 5.6B	Delete	Delete	F

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	Parts Addition (None ¡æ NEW)	Parts deletion (OLD ¡æ Del.)

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	TV	**Bulletin No. :**	97-CTV-E0047
Model :	CK6202WB, CK7202WB	**Bulletin Date :**	Nov. 19, 1997
Buyer :	ANA (Romania)	**ECN Date :**	Nov. 14, 1997

SUBJECT : CK-6202, SCT12B Chassis, differential parts list by Micom type

Background : Circuit has been changed by Micom IC type for SCT12B chassis.
(Symptom)

Cause : Due to changing Micom IC type.

Solution : Micom IC has been changed from 'CC-version' to 'OTP' type.
The 'OTP' type Micom IC has beeb marked on the label as follows:
- Spec. : SZM159RTX -. Date : as of November 18, 1997

Application Date : Nov. 18, 1997

(Interchangeability Code : * **I.C**)

Location No.	**OLD** (before) Parts (CC version)		**NEW** (changed) Parts (OTP type)		*
	SEC Code	Description	SEC Code	Description	**I.C**
IC901	u-com 'CC Version'	SZM159RTX(R2656)	u-com 'OTP type'	SZM159RTX	D
R934	2004-001201	1/8W 68K-J	2001-000563	1/8W 27K-J	D
C912	2201-000193	CH 50V 10pF	2201-000651	CH 50V 68pF	D
C913	2201-000573	CH 50V 47pF	2201-000600	SL 50V 560pF	D
R922	2001-000449	1/8W 2.2K-J	2001-000800	1/8W 5.1K-J	D

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None ( ) Others (O)

Product Month : November 1997 **Serial No.** (~ from)

Published by S.K. Yang **Approved by** Mr. J.G. Lee

SAMSUNG ELECTRONICS

SERVICE BULLETIN

¡á Parts Change Information **** Bulletin No: 97-CTV-E0047***

¢ÁModel : (Interchangeability Code : * **I.C**)

Location No.	**OLD** (before) Parts		**NEW** (changed) Parts		* **I.C**
	SEC Code	Description	SEC Code	Description	
R923	2001-000214	1/8W 1.1K-J	2001-000252	1/8W 1.6K-J	D
R924	2004-001193	1/8W 680-J	2004-001291	1/8W 820-J	D
RZ906	2001-000832	1/8W 510-J	2001-000734	1/8W 4.7K-J	D
J271	30506-410-216	Jumper	Delete	Delete	F
J275	30506-410-216	Jumper	Delete	Delete	F
D817	0403-000296	MTZ 5.6B	Delete	Delete	F
D818	0403-000296	MTZ 5.6B	Delete	Delete	F

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	Parts Addition (None ¡æ NEW)	Parts deletion (OLD ¡æ Del.)

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	TV	Bulletin No. :	98-CTV-E0003
Model :	CK-5099ZR/CK-5399ZR/CS-5399K	Bulletin Date :	Apr. 6, 1998
Buyer :	SMSC, SUSC, SALSC, ECS, SASC, GC	ECN Date :	Mar. 31, 1998

SUBJECT : SCT12A chassis, 'No Vertical phenomenon' on screen

Background : No vertical phenomenon (horizontal center line) on screen
(Symptom)

Cause : It is failed to the vertical IC (TDA8356) caused by flowing the surge voltages to V1 & V2 part of DY.
The philips vertical IC TDA8356 can be occurred the failure intermittently.

Solution : The circuit has been changed as below and attached drawings:

Application Date : Mar. 31, 1998

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts		NEW (changed) Parts		* I.C
	SEC Code	Description	SEC Code	Description	
J237		Jumper	2701-000116	10uH AL05	D
C910		1nF	2305-000285	100V 220nF	D
J252		Jumper	2701-001040	10uH AL05	D
Bottom		Between V1 and GND	2305-000407	100V 470nF	E
Bottom		Between L301 and GND	2305-000285	100V 220nF	E
Bottom		Between R304 and GNI	0403-001039	MA2560	E
Bottom		Between J252 and IC301	0403-000700	33A	E
Bottom		Between J252 and GND	0403-000656	15C	E
C303		Move to C304 position		Bottom soldering	E

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	Addition (None ¡æ New)	Deletion (Old ¡æ Del.)

Application	Reference ( )	Only Defected sets (O)	Whole sets ( )
Attachment	Schematic Diagram (O)	Component Lay-out ( )	Exploded View ( )
	Mechanical Diagram ( )	None ( )	Others ( )
Product Month :	January 1997	Serial No. (~ from)	
Published by S.K. Yang		Approved by Mr. J.G. Lee	

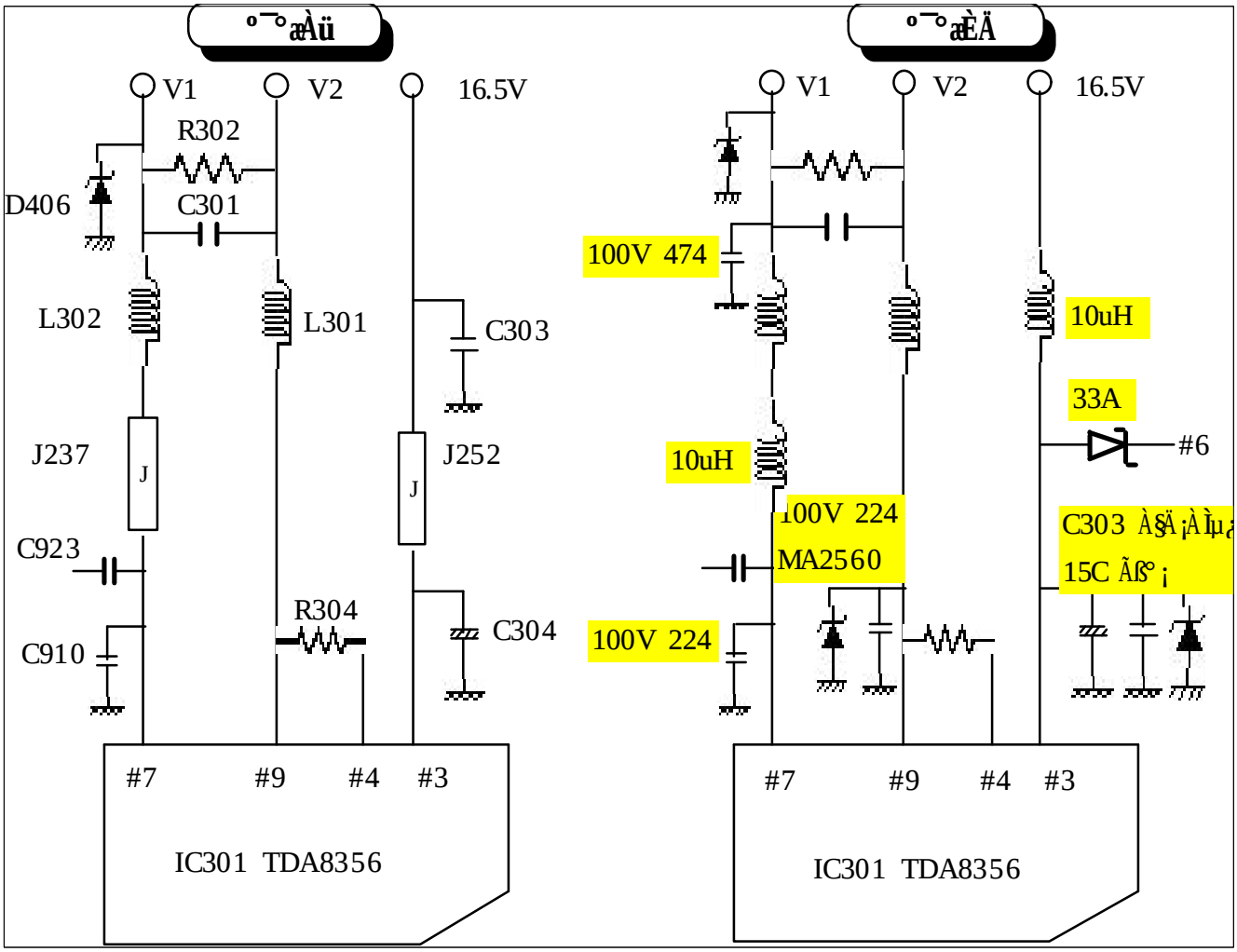
¡á *Additional Information*

98-CTV-E0003

The Circuit Changes

< Before >

< After >



SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	TV	Bulletin No. :	98-CTV-E0004
Model :	CN5039V / CN331E / CN3338V	Bulletin Date :	Apr. 6, 1998
Buyer :	SEDA, SEASA, SEPA	ECN Date :	Mar. 31, 1998

SUBJECT : KCT12A, 'No Vertical phenomenon' on screen

Background : No vertical phenomenon (horizontal center line) on screen
(Symptom)

Cause : It is failed to the vertical IC (TDA8356) caused by flowing the surge voltages to V1 & V2 part of DY.
The philips vertical IC TDA8356 can be occurred the failure intermittently.

Solution : The circuit has been changed as below and attached drawings:

Application Date : Mar. 31, 1998

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts		NEW (changed) Parts		*
	SEC Code	Description	SEC Code	Description	I.C
Bottom		Between L301 and GND	2305-000285	100V 220nF	E
Bottom		Between V2 and GND	2305-000407	100V 470nF	E
Bottom		Between L302 and GND	2305-000285	100V 220nF	E

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	Addition (None ¡æ New)	deletion (Old ¡æ Del.)

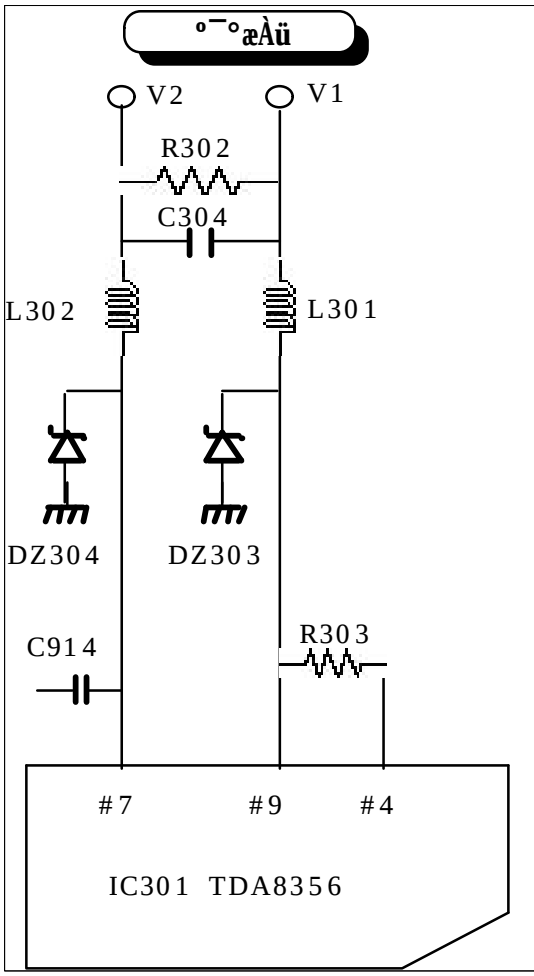
Application	Reference ( )	Only Defected sets (O)	Whole sets ( )
Attachment	Schematic Diagram (O)	Component Lay-out ( )	Exploded View ( )
	Mechanical Diagram ( )	None ( )	Others ( )
Product Month :	January 1997	Serial No. (~ from)	
Published by S.K. Yang		Approved by Mr. J.G. Lee	

¡á *Additional Information*

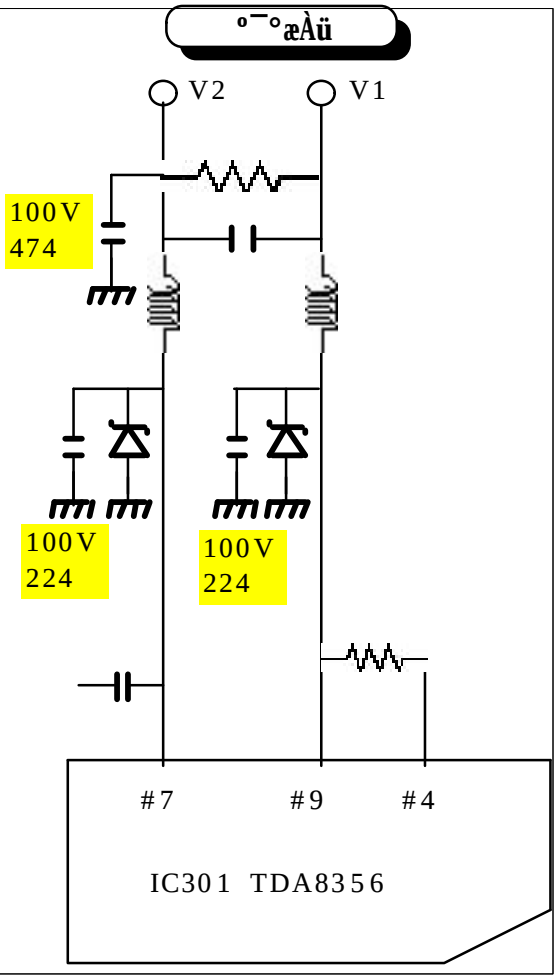
98-CTV-E0004

The Circuit Changes

< Before >



< After >



SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	TV	Bulletin No. :	98-CTV-E0007
Model :	CF6844N / CK6202 / CS6202	Bulletin Date :	Apr. 6, 1998
Buyer :	GCS, SASC, SEF, SEG, SEH, SAVINA	ECN Date :	Mar. 31, 1998

SUBJECT : SCT12B 05Lot, Countermeasure of 'No Vertical phenomenon' on screen

Background : No vertical phenomenon (horizontal center line) on screen
(Symptom)

Cause : It is failed to the vertical IC (TDA8350Q) caused by flowing the surge voltages to V1 & V2 part of DY. The philips vertical IC TDA8350Q can be occurred the failure intermittently.

Solution : The circuit has been changed as below and attached drawings:

Application Date : Mar. 31, 1998

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts		NEW (changed) Parts		*
	SEC Code	Description	SEC Code	Description	I.C
J226		Between L301 and IC301	2701-000116	10uH AL05	E
Bottom Soldering		Between V1 and GND	2305-000407	100V 470nF	E
DZ404			0403-001039	MA2560	E

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	Addition (None ¡æ New)	deletion (Old ¡æ Del.)

Application Reference ( ) Only Defected sets (O) Whole sets ( )

Attachment Schematic Diagram (O) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None ( ) Others ( )

Product Month : January 1997 Serial No. (~ from)

Published by S.K. Yang Approved by Mr. J.G. Lee

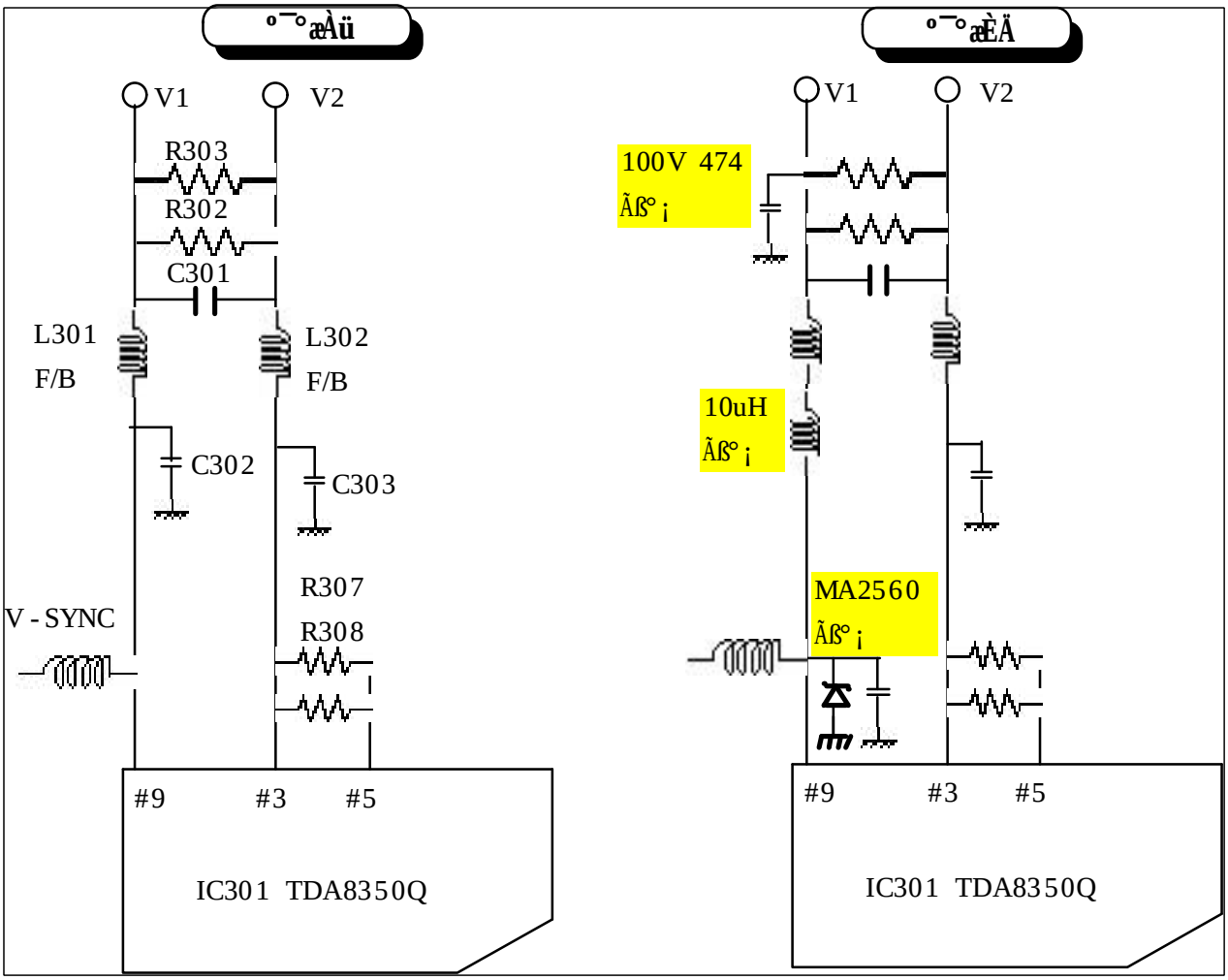
¡á *Additional Information*

98-CTV-E0007

The Circuit Changes

< Before >

< After >



SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	TV	Bulletin No. :	98-CTV-E0008
Model :	CS-5339Z	Bulletin Date :	Apr. 6, 1998
Buyer :	GCS	ECN Date :	Mar. 31, 1998

SUBJECT : SCT12B 05Lot, Countermeasure of 'No Vertical phenomenon' on screen

Background : No vertical phenomenon (horizontal center line) on screen
(Symptom)

Cause : It is failed to the vertical IC (TDA8356) caused by flowing the surge voltages to V1 & V2 part of DY. The philips vertical IC TDA8356 can be occurred the failure intermittently.

Solution : The circuit has been changed as below and attached drawings:

Application Date : Mar. 31, 1998

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts		NEW (changed) Parts		*
	SEC Code	Description	SEC Code	Description	I.C
J126		Jumper	2701-000116	10uH AL05	E
PCB cutting		Between C306+ and J1	2701-000116	10uH AL05	E
Bottom Soldering		Between V1 and GND	2305-000407	100V 470nF	E
Bottom Soldering		Between C304+ & IC301	0403-000700	33A	E

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	Addition (None ¡æ New)	deletion (Old ¡æ Del.)

Application Reference ( ) Only Defected sets (O) Whole sets ( )

Attachment Schematic Diagram (O) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None ( ) Others ( )

Product Month : January 1997 Serial No. (~ from)

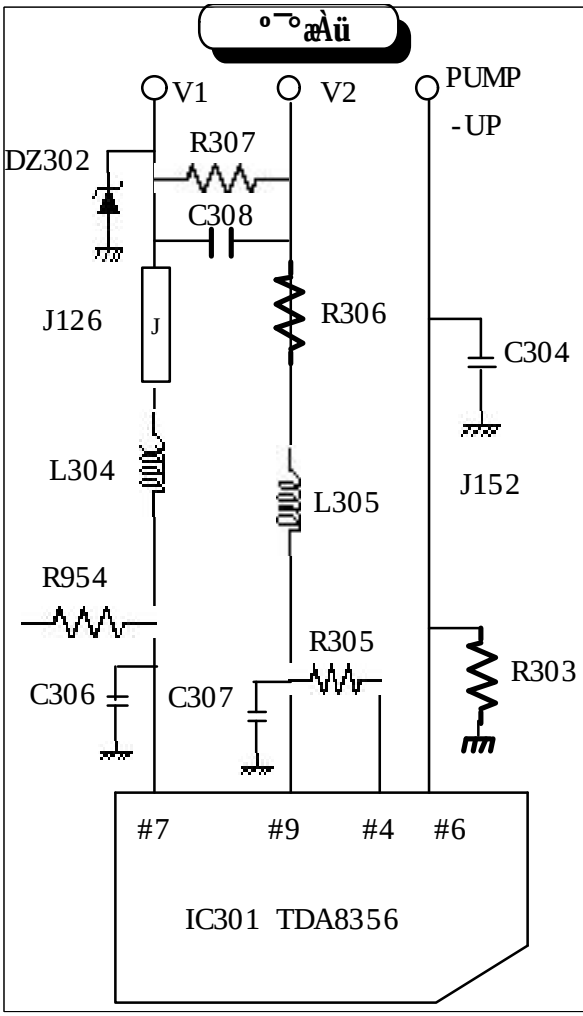
Published by S.K. Yang Approved by Mr. J.G. Lee

¡á *Additional Information*

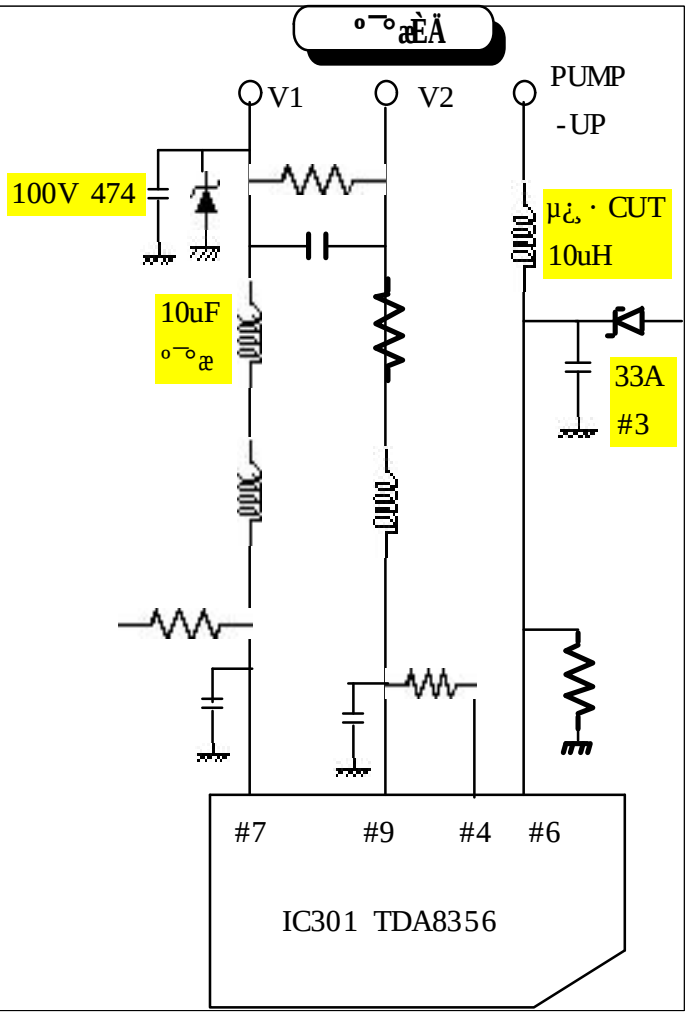
98-CTV-E0008

The Circuit Changes

< Before >



< After >



SAMSUNG ELECTRONICS

SERVICE

Product :	TV	Bulletin No. :	98-CTV-E0017
Model :	CN5039V / CN331E / CN3338V	Bulletin Date :	July 31,1998
Buyer :	SEDA, SEASA, SEPA	ECN Date :	July 31,1998

SUBJECT : KCT12A 03Lot, Countermeasure of 'No Vertical phenomenon' on screen

Background :

(Symptom) No vertical phenomenon (horizontal center line) on screen
(IC301 failure)

Cause :

It is failed to the vertical IC (TDA8356) caused by flowing the surge voltages to V1 & V2 part of DY.
The philips vertical IC TDA8356 can be occurred the failure intermittently.

Solution :

The circuit has been changed as below and attached drawings:
And, replace the Zener Diode (DZ303, DZ304 electric-damaged) part when it has been executed for the repair service.

Application Date : July 3, 1998

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts		NEW (changed) Parts		*
	SEC Code	Description	SEC Code	Description	I.C
Bottom Soldering		Between L301 and GND	2305-000285	100V 220nF	E
Bottom Soldering		Between V2 and GND	2305-000407	100V 470nF	E
Bottom Soldering		Between L302 and GND	2305-000285	100V 220nF	E
DZ303, DZ304	0403-001039	MA2560 56V (Damaged	0403-001039	MA2560 56V	D

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD Early (Parts) (Prod.) NEW Late	OLD Early (Parts) (Prod.) NEW Late	OLD Early (Parts) (Prod.) NEW Late	OLD Early (Parts) (Prod.) NEW Late	Addition None ¡æ New	deletion (Old ¡æ Del.)

Application	Reference ( )	Only Defected sets (O)	Whole sets ( )
Attachment	Schematic Diagram (O)	Component Lay-out ( )	Exploded View ( )
	Mechanical Diagram ( )	None ( )	Others ( )
Product Month :	January 1997	Serial No. (~ from)	

Published by S.K. Yang / A.Manager of TV Div. Service (Tel. no. : 82-331-200-5189)

¡á Distribution List and Remarks

98-CTV-E0017

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	SEDA	BRAZIL	
2	SEASA	ARGENTINA	
3	SEPA	PANAMA	
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	TV	Bulletin No. :	98-CTV-E0025
Model :	SCT12B 05 Lot Chassis	Bulletin Date :	Oct. 14, 1998
Buyer :	ECS	ECN Date :	Oct. 14, 1998

SUBJECT : SCT12B 05Lot, Countermeasure of 'No Vertical phenomenon' on screen

Background :

(Symptom) No vertical phenomenon (horizontal center line) on screen

Cause :

It is failed to the vertical IC (TDA8356) caused by flowing the surge voltages to V1 & V2 part of DY.

The philips vertical IC TDA8356 can be occurred the failure intermittently.

Solution :

The circuit has been changed for service activity as below and attached drawings:

Application Date : Oct. 14, 1998

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts		NEW (changed) Parts		*
	SEC Code	Description	SEC Code	Description	I.C
L301		F/B (Ferrite Bead)	2701-000116	10uH AL05	C
R308	3812-000219	Jumper(J349)	2008-001013	RF 1.2 Ohm	C
DZ403	Delete		0403-000656	Zener MTZ15C	E
Soldering		Between V1 & GND	2305-000407	100V 470nF	E
at PCB		Between V1 & Q401 GNI	0403-001039	MA2560	E
bottom		Between R307 & IC301#	0403-000132	1N4004	E

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD (Parts) NEW → Early (Prod.) Late	OLD (Parts) NEW → Early (Prod.) Late	OLD (Parts) NEW → Early (Prod.) Late	OLD (Parts) NEW → Early (Prod.) Late	Addition (None ¡æ New)	deletion (Old ¡æ Del.)

Application Reference ( ) Only Defected sets (O) Whole sets ( )

Attachment Schematic Diagram (O) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None ( ) Others ( )

Product Month : January 1997 Serial No. (~ from)

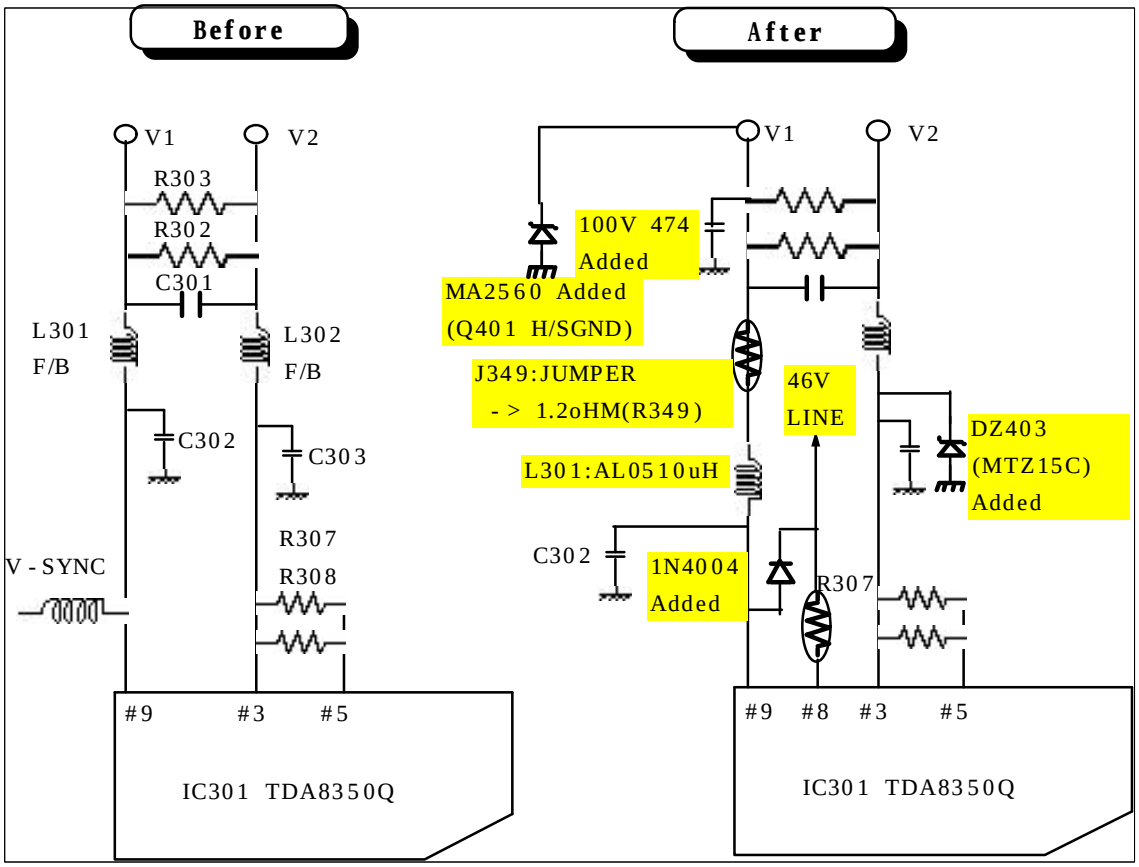
Published by S.K. Yang / A. Manager of TV Div. Service (Tel. no. : 82-331-200-5189)

¡á Additional Information

98-CTV-E0025

The Circuit Changes for A/S

< Before > < After >



LOC NO.	Old (Before)		New (After)		Remark
	CODE NO	Part Spec.	CODE NO	Part Spec.	
L301		F/B	2701 - 000116	10uH AL05	
R308	3812 - 000219	JUMPER(J349)	2008 - 001013	RF 1.2oHM	
Soldering at PCB bottom			2305 - 000407	100V 470nF	Between V1&GND
			0403 - 001039	MA2560	V1 & Q401GND
			0403 - 000132	1N4004	
DZ403	DELETE		0403 - 000656	MTZ15C	Added

¡á Distribution List and Remarks

98-CTV-E0025

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	ECS	U.K.	
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			